

DFG Climate Training & Network Work Group Meeting
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# Agenda

- Introductions
- Work group purpose/objectives
- Background info on training course and network (where we are now)
- Potential work group tasks
- Discussion
- Next steps

# Work group purpose/objectives

 Develop a climate training course and an accompanying online climate training network that will support capacity building and improved climate literacy.

### **Objectives:**

- Develop a climate training course that provides a basic foundation of knowledge for DFG staff and partners.
- Begin building a web-based climate training network of existing online resources that can support improved information sharing and climate literacy.

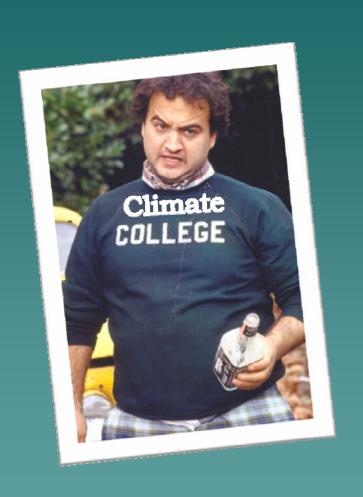
# Why a climate course...and why now?



# Climate Change Certification Of Completion

Doug Parsons and Laura Jerome
Florida Fish and Wildlife Conservation Commission

### Florida Training Course: Structure



- 1. Monthly Speakers
- 2. Required Readings
- 3. Forum participation
- 4. Final Project

### DFG Climate Course: The Basics

- Similar structure to Florida course
  - option for tiered involvement
- Potential course topics
  - fundamentals of climate change science
  - expected impacts in California
  - \*adaptation planning efforts and tools
  - communicating climate change, etc.
- Products
  - Web cast and archived presentations
  - Development of climate library
  - Final projects
  - Staff Recognition

### DFG Climate Course: Outcomes

# **Opportunity for True Institutional Change**

- Provides a foundation of climate change knowledge for ALL staff
- Provide tools and resources to empower staff
- Promotes general knowledge of evolving responsibilities for staff

# Opportunity to Foster Teamwork

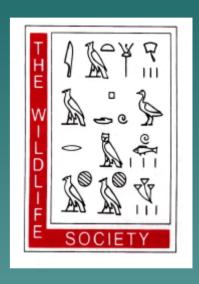
- In-house science/technical course that promotes networking across branches/regions
- Promotes networking with other partners
- Displays to senior leadership interest from staff in climate change

### DFG Climate Course: Incentives

- Certification
  - ❖TWS/AFS national training







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- Certification
  - TWS/AFS national training
- DFG Employee Excellence Awards



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Partner support for an award





## **Building a Climate Community**



#### Q. What kind of work do you do for DFG and how long have you been with the Department?

A. My 10 year tenure with DFG has focused on project review and permitting. I have reviewed timber harvesting plans, city and county general plans, and major developments such as bridge, highway and wind energy projects. My purpose is to determine what, if any, significant environmental impacts a project may have and recommend feasible ways to avoid or minimize those impacts. For the past year, I have been the lead on the Klamath River dam removal project Environmental Impact Report.

#### Q. What is your favorite part of California and why? Do you have a favorite CA species? Favorite habitat type? And why?

A. I am smitten by California's coastal ecosystems. I love the beaches and dunes, the lagoons, bays, salt marshes and estuaries. They are teaming and energized with life: whales, seals, otters, fish, birds, interesting plants and fungi. For me, California's coastal habitats embody beauty, complexity, diversity, and tranquility. Sitka spruce, on land, and eel-grass, in the estuaries, both hold special charm and are habitat for numerous other critters.

#### Q. What is your biggest concern regarding climate change?

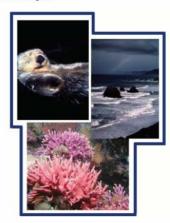
A. I am very concerned that sea level rise and changed ocean conditions could result in habitat loss resulting in the decline of numerous species. Plus, millions of Californians live near the Pacific Ocean because they value its beauty and many other amenities. Thus, the potential loss of coastal dunes, sea bluffs, salt marshes and estuaries to sea level rise could also threaten our coastal human communities. This could affect our quality of life, including where we live, what we eat, how we recreate, our health and safety during storm and flood events, and for many, such as commercial fishers and crabbers, their careers and economic well-being.

Q. In ten years how do you think the responsibilities of your position will change due to climate change?

A. I think DFG will need to engage in more robust regional planning efforts. We will work more closely with more partners to develop scenario-based planning and adaptive comanagement approaches to protect whole ecosystems and ranges of species. Our emphasis will shift more to a regional and proactive conservation stance from a current approach that is often more population-focused and project-responsive.

#### Q. What do you see as some of the short term opportunities for DFG to address climate change?

A. DFG is just beginning to make reducing our carbon footprint a major departmental objective. I applaud this and hope we continue implementing sustainability programs with alacrity. A fleet of high-efficiency cars would help and the paperless office initiative could be a game-changer in optimizing how we conduct business. I think we will continue to seize opportunities to raise climate change and sea level rise-related impacts during our project review and regional planning work. To enhance our effectiveness, I believe DFG staff would benefit from more training and assistance with climate change impact assessment and in promoting adaptation strategies.



## Climate Training Network: Basics

- Online resource
- Lives beyond duration of course
- Consists of educational/training webinars
- Capacity for user upload (e.g. cakex)
- Benefits all partners
- Supports information sharing and climate literacy

# Climate Training Network: Potential organization

Climate change 101

**Projections** 

**Downscaling** 

Climate change impact to fish and wildlife

Ecosystem impacts

Impacts in California

Climate change communication

Communicating climate change to the public

# Work Group Tasks

### Climate Course:

- Finalize course topics/schedule
- Identify speakers
- Help design effective and engaging forum
- Id potential final projects as examples
- Promote networking with partners

# Work Group Tasks II

### Training Network of Webinar resources:

- Brainstorm effective organization of the network website
- Identify options for housing/building the network
- Work as a team to identify a process that we might follow to create this web-based one stop shop for climate specific training materials.
- Discuss options for how to maintain this network over time to benefit all interested users.
- How do we make it happen?

# Discussion: Work Group Tasks

### Climate Course:

- Finalize course topics/schedule
- Identify possible speakers
- Id potential final projects as examples

## Next Meeting: Work Group Tasks II

### Training Network of Webinar resources:

- Brainstorm effective organization of the network website (categories)
- Identify options for housing/building the network
- Discuss options for how to maintain this network over time to benefit all interested users.
- How do we make it happen?

## Next Steps

- Review notes and ideas from meeting
- Schedule next meeting-monthly
- Be prepared to discuss training network at next meeting